

CLAIMS

1. A communication terminal apparatus used in a wireless communication system in which a first dedicated channel to which soft handover applies and a second dedicated channel to which hard handover applies exist, the communication terminal apparatus comprising:

a judgment section that judges whether the first dedicated channel is in a soft handover state or not; and

a control section that sets a transmission power of an uplink second dedicated channel into a power equal to a transmission power of an uplink first dedicated channel when it is judged by said judgment section that the first dedicated channel is not in a soft handover state, and sets a transmission power of the uplink second dedicated channel at an addition of the transmission power of the uplink first dedicated channel and an offset when it is judged by said judgment section that the first dedicated channel is in a soft handover state.

2. The communication terminal apparatus according to claim 1, further comprising:

a reception section that receives the offset from a base station apparatus via a downlink second dedicated channel.

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3. The communication terminal apparatus according to claim 1, further comprising:

a calculation section that calculates a transmission power offset used at a base station apparatus in accordance with reception SIR of a plurality of pilot channels; and

a transmission section that transmits the offset
5 calculated by said calculation section to the base station apparatus via the uplink second dedicated channel.

4. A base station apparatus used in a wireless communication system in which a first dedicated channel to
10 which soft handover applies and a second dedicated channel to which hard handover applies exist, the base station apparatus comprising:

a judgment section that judges whether the first dedicated channel is in a soft handover state or not; and

15 a control section that sets a transmission power of a downlink second dedicated channel into a power equal to a transmission power of a downlink first dedicated channel when it is judged by said judgment section that the first dedicated channel is not in a soft handover state, and sets
20 a transmission power of the downlink second dedicated channel at an addition of the transmission power of the downlink first dedicated channel and an offset when it is judged by said judgment section that the first dedicated channel is in a soft handover state.

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5. The base station apparatus according to claim 4, further comprising:

a reception section that receives the offset from a communication terminal apparatus via an uplink second dedicated channel.

5 6. The base station apparatus according to claim 4, further comprising:

a calculation section that calculates a transmission power offset used at a communication terminal apparatus in accordance with a difference between SIR of the uplink
10 first dedicated channel and a target SIR of the first dedicated channel; and

a transmission section that transmits the offset calculated by said calculation section to the communication terminal apparatus via the downlink second dedicated
15 channel.

7. A transmission power control method used in a wireless communication system in which a first dedicated channel to which soft handover applies and a second dedicated channel
20 to which hard handover applies exist, wherein a transmission power of a second dedicated channel is set into a power equal to a transmission power of a first dedicated channel when the first dedicated channel is not in a soft handover state, and a transmission power of the
25 second dedicated channel is set at an addition of the transmission power of the first dedicated channel and an offset notified via the second dedicated channel when the

first dedicated channel is in a soft handover state.

8. The transmission power control method according to claim 7, wherein the notification of the offset starts
5 after the start of a soft handover of the first dedicated channel.